

U.S. National Stage

Amendments to the Abstract:

ABSTRACT

Please replace the abstract that appears on page 11 of the specification with the following revised abstract which is submitted on a separate sheet.

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Abstract

A pressure sensor includes: a measuring cell having a base plate [[1]] and a measuring membrane [[2]] connected along its edge with the base plate, and means [[3, 4]] for generating an electrical quantity dependent on deformation of the measuring membrane; a circuit [[5]] for registering the electrical quantity; and a capsule [[10]] having a capsule body [[8]] and a sealing element [[9]], with which the capsule is hermetically sealed along a joint[[:]]. ~~wherein the~~ The capsule [[10]] encloses the circuit [[5]], in order to protect such from influences of moisture; and ~~wherein~~ the joint of the capsule is mechanically decoupled from the base plate. The mechanical decoupling of the joint means, for example, that at least the axial support of the pressure measuring cell in a housing [[16]] is not allowed to be transferred through the joint. Despite arranging of the capsule on the base plate, pressure-related and temperature-related distortions of the base plate are not permitted to have any effects on the joint of the capsule.

[[Fig. 1]]